

Quiz FlashArray-Storage-Professional - Pure Certified FlashArray Storage Professional–Trustable Test Simulator Fee

Pure Certified FlashArray Storage Professional

Question 1: FlashArray Architecture

What type of storage media is used in Pure Storage FlashArray systems?

- A. SATA HDDs
- B. NVMe SSDs
- C. LTO Tape
- D. SAS HDDs

Correct Answer: B. NVMe SSDs

Explanation: Pure Storage FlashArrays use high-performance NVMe-based SSDs, which deliver low latency and high throughput compared to traditional spinning disks.

Question 2: Data Reduction

Which technologies are used by FlashArray to reduce data footprint?

- A. Tiered Storage and RAID
- B. Data Deduplication and Compression
- C. Snapshot Mirroring
- D. Bit-level Replication

Correct Answer: B. Data Deduplication and Compression

Explanation: FlashArray employs always-on inline deduplication and compression to achieve significant data reduction and efficiency.

Question 3: Storage Provisioning

What type of provisioning is used in FlashArray volumes?

- A. Thick provisioning
- B. Thin provisioning
- C. Static provisioning
- D. Tiered provisioning

Correct Answer: B. Thin provisioning

Explanation: Volumes in FlashArray are **thin provisioned by default**, which means capacity is allocated as needed rather than all at once.

If you care about your qualification exams and have some queries about FlashArray-Storage-Professional preparation materials, we are pleased to serve for you, you can feel free to contact us via email or online service about your doubt. Our company are established more than 10 years, our quality of FlashArray-Storage-Professional valid practice test questions are the leading position in this filed. We believe our FlashArray-Storage-Professional exam guide will help you pass exam easily without too much spirit & time. All our FlashArray-Storage-Professional training materials are compiled painstakingly.

Pure Storage FlashArray-Storage-Professional Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Monitoring: Covers the use of Pure1, GUI, and CLI tools to monitor array health, generate reports, and analyze performance and capacity metrics. Includes data reduction ratios, meta forecasting, and proactive capacity planning.
Topic 2	<ul style="list-style-type: none">• Troubleshooting: Covers identification and resolution of configuration errors, performance issues, and replication problems using Pure Storage diagnostic tools and alerts. Includes port configuration and predictive support mechanisms to maintain system reliability.

Topic 3	<ul style="list-style-type: none"> • Administration: Covers core administrative tasks including volume configuration, array management, host connections, third-party integrations, and security protocols. Focuses on best practices for maintaining optimal performance and secure access across the storage environment.
Topic 4	<ul style="list-style-type: none"> • FA File: Covers configuration and management of FA File services, including DNS setup, Active Directory integration, and protocol access. Focuses on enabling secure and efficient file sharing across the organization.
Topic 5	<ul style="list-style-type: none"> • Data Protection: Covers snapshot management, replication configuration, policy management, SafeMode, and advanced replication technologies such as ActiveDR. Focuses on ensuring data availability, disaster recovery, and protection against data loss.

>> FlashArray-Storage-Professional Test Simulator Fee <<

FlashArray-Storage-Professional New Braindumps Files, FlashArray-Storage-Professional Questions Answers

If you visit our website Fast2test, then you will find that our FlashArray-Storage-Professional practice questions are written in three different versions: PDF version, Soft version and APP version. All types of FlashArray-Storage-Professional training questions are priced favorably on your wishes. Obtaining our FlashArray-Storage-Professional Study Guide in the palm of your hand, you can achieve a higher rate of success. Besides, there are free demos of our FlashArray-Storage-Professional learning guide for your careful consideration to satisfy individual needs.

Pure Storage Pure Certified FlashArray Storage Professional Sample Questions (Q28-Q33):

NEW QUESTION # 28

A storage administrator is configuring a new volume and wants to provision 500GB. If the administrator accidentally selects PB, what will happen?

- A. The volume will be created but a warning will be displayed.
- B. The volume will be created and space will immediately be used.
- C. The volume will not be created and a warning will be displayed.

Answer: A

Explanation:

Pure Storage FlashArrays utilize Thin Provisioning as a core, always-on architectural principle. When a volume is created, the "size" assigned to it is merely a logical limit (a quota) presented to the host; no physical back-end flash capacity is allocated or "pinned" at the time of creation.

Because of this architecture, Purity allows administrators to create volumes that are significantly larger than the actual physical capacity of the array (this is known as over-provisioning). If an administrator accidentally selects PB (Petabytes) instead of GB, the Purity GUI will allow the volume to be created because it is a logical operation that doesn't immediately consume 1PB of physical flash. However, Purity includes a built-in safety check: if the requested logical size is exceptionally large or exceeds the current physical capacity of the array, the GUI will present a warning or confirmation prompt to ensure the administrator is aware of the massive logical size being provisioned before finalizing the change.

Here is why the other options are incorrect:

The volume will be created and space will immediately be used (A): This describes "Thick Provisioning" which Pure Storage does not use. Space is only consumed on a FlashArray when unique data is actually written by the host and processed by the deduplication and compression engines.

The volume will not be created and a warning will be displayed (C): Purity does not strictly forbid over-provisioning. While it warns the user to prevent human error, it does not block the creation of the volume, as over-provisioning is a standard practice in thin-provisioned environments.

NEW QUESTION # 29

An administrator needs a comparison of FA File performance across multiple arrays.
What Pure1 Manage report will provide the best results?

- A. Overview Dashboard
- B. Array Performance
- **C. File Systems Performance**

Answer: C

Explanation:

Pure1 Manage Capabilities: Pure1 is a SaaS-based platform that provides a "single pane of glass" view across an entire fleet of FlashArrays. It excels at aggregating metrics that are otherwise siloed on individual arrays.

Specialized File Metrics: Because FlashArray File (FA File) operates as a specific service layer within Purity, its performance metrics (NFS/SMB latency, throughput, and IOPS) are tracked separately from traditional block storage.

The File Systems Performance Report: This specific report/view in Pure1 allows administrators to:

Select multiple file systems residing on different arrays.

Overlay their performance graphs to identify trends or outliers.

Filter by specific protocol (NFS vs. SMB) to see how different workloads are behaving across the infrastructure.

Why Options B and C are less ideal:

Overview Dashboard: While great for a "health at a glance" check (showing total capacity and high-level alerts), it does not provide the granular, side-by-side performance comparison required for a deep-dive analysis.

Array Performance: This report typically shows the total load on the controllers. While this includes file traffic, it often aggregates it with block traffic, making it difficult to isolate how the file services specifically are performing across the fleet.

Analytical Advantage: Using the File Systems Performance report allows the administrator to correlate performance spikes with specific file-level events, such as a large backup job or a high-intensity data migration occurring on one array versus another.

NEW QUESTION # 30

A storage administrator is tasked with providing real-time data and alerts to the Network Operations Center (NOC) dashboard.
What source should the information come from to provide real-time data?

- **A. FlashArray**
- B. Pure Performance Monitoring
- C. Pure1

Answer: A

Explanation:

To provide true real-time data and alerts directly to a Network Operations Center (NOC) dashboard, the information must be sourced directly from the FlashArray. The FlashArray's Purity operating environment natively supports real-time data streaming and alerting integrations via protocols like Syslog, SNMP traps, and the local REST API. Polling the array directly or configuring it to push alerts guarantees that the NOC receives instantaneous, up-to-the-second notifications regarding array health, hardware faults, and performance metrics.

Here is why the other options are incorrect:

Pure1 (B): While Pure1 is Pure Storage's powerful, cloud-based monitoring and predictive analytics platform, it relies on phone-home telemetry data. This telemetry is batched and transmitted from the array to the Pure1 cloud on a short polling interval (typically a few minutes). Because of this transmission and processing interval, Pure1 provides near-real-time (lagging by a few minutes) and historical data. It is excellent for global fleet management and predictive support, but not for instantaneous, zero-latency NOC alerting.

Pure Performance Monitoring (A): This is a distractor. There is no standalone product or specific protocol in the Pure Storage ecosystem officially named "Pure Performance Monitoring." Performance monitoring is simply a feature accessed via the FlashArray GUI/CLI or the Pure1 platform.

NEW QUESTION # 31

Which protection group cannot be ratcheted for SafeMode?

- A. Protection groups with hosts or hostgroups
- **B. A protection group without a local snapshot schedule**
- C. A default protection group

Answer: B

Explanation:

What is SafeMode Ratcheting?: SafeMode is Purity's "immutability" feature that prevents snapshots from being deleted, eradicated, or modified, even by an administrator with compromised credentials. Ratcheting is the process of increasing the protection levels (like extending the retention period) for a protection group (pgroup) to ensure even stricter data safety.

The Dependency on Local Snapshots: SafeMode's primary function is to protect point-in-time copies of data residing on the array. For a protection group to be "ratcheted" into a SafeMode-protected state, it must have an active Local Snapshot Schedule.

Why Option C is the Constraint: If a protection group does not have a local snapshot schedule, there are no local snapshots being generated for SafeMode to "lock." SafeMode cannot protect what doesn't exist locally. While a pgroup might be used for replication only, SafeMode requires the local scheduling component to be active and configured to apply its immutable retention policies.

Why Option B is incorrect: Protection groups are designed to contain hosts, host groups, or volumes. This is the standard way to group related data for snapshot consistency and has no negative impact on SafeMode eligibility.

Operational Note: When you enable SafeMode on a protection group with a local schedule, the "Eradicate" button for those snapshots is disabled. To "ratchet" the protection, you typically work with Pure Storage Support to ensure the retention settings meet your compliance needs.

NEW QUESTION # 32

Which storage protocol is best suited for a Hyper-V cluster in an ethernet-switched environment?

- A. NVMe/FC
- B. NVMe/RoCE
- C. iSCSI

Answer: C

Explanation:

Protocol Compatibility: While NVMe-over-Fabrics (NVMe-oF) is the future of high-performance storage, support for it within specific hypervisor ecosystems varies. In the context of Microsoft Hyper-V, especially in older or standard Ethernet-switched environments, iSCSI remains the most mature, widely supported, and native protocol for block storage.

Ethernet Constraints: The question specifies an Ethernet-switched environment. This immediately rules out NVMe/FC (NVMe over Fibre Channel), as that requires dedicated Fibre Channel switching infrastructure and HBAs, not standard Ethernet.

NVMe/RoCE vs. iSCSI: While NVMe/RoCE (RDMA over Converged Ethernet) runs on Ethernet, it requires specialized NICs (RDMA-capable) and a specific switch configuration (PFC/LFC) to ensure a lossless fabric. Hyper-V has specific requirements for RoCE (often tied to SMB Direct for File services), but for general block storage volumes in a standard Ethernet environment, iSCSI is the "best suited" due to its ease of deployment, native Windows initiator support, and lack of requirement for specialized lossless hardware.

Pure Storage Best Practices: Pure Storage FlashArrays provide industry-leading iSCSI performance. When using iSCSI with Hyper-V, Pure recommends using the native Windows MPIO (Multi-Path I/O) with the "Least Queue Depth" policy to ensure optimal load balancing across the Ethernet fabric.

NEW QUESTION # 33

.....

In this age of advanced network, there are many ways to prepare Pure Storage FlashArray-Storage-Professional certification exam. Fast2test provides the most reliable training questions and answers to help you pass Pure Storage FlashArray-Storage-Professional Certification Exam. Fast2test have a variety of Pure Storage certification exam questions, we will meet you all about IT certification.

FlashArray-Storage-Professional New Braindumps Files: <https://www.fast2test.com/FlashArray-Storage-Professional-premium-file.html>

- FlashArray-Storage-Professional Best Practice Exam - FlashArray-Storage-Professional Reliable Soft Simulations - FlashArray-Storage-Professional New Study Questions Pdf Immediately open www.prep4away.com and search for « FlashArray-Storage-Professional » to obtain a free download FlashArray-Storage-Professional Simulation Questions
- FlashArray-Storage-Professional Best Practice Exam - FlashArray-Storage-Professional Reliable Soft Simulations - FlashArray-Storage-Professional New Study Questions Pdf [www.pdfvce.com] is best website to obtain (FlashArray-Storage-Professional) for free download Study FlashArray-Storage-Professional Reference
- Exam FlashArray-Storage-Professional Actual Tests Upgrade FlashArray-Storage-Professional Dumps Practice

